

INTERNAL GEAR PUMP
KIP SERIES

KIP4"

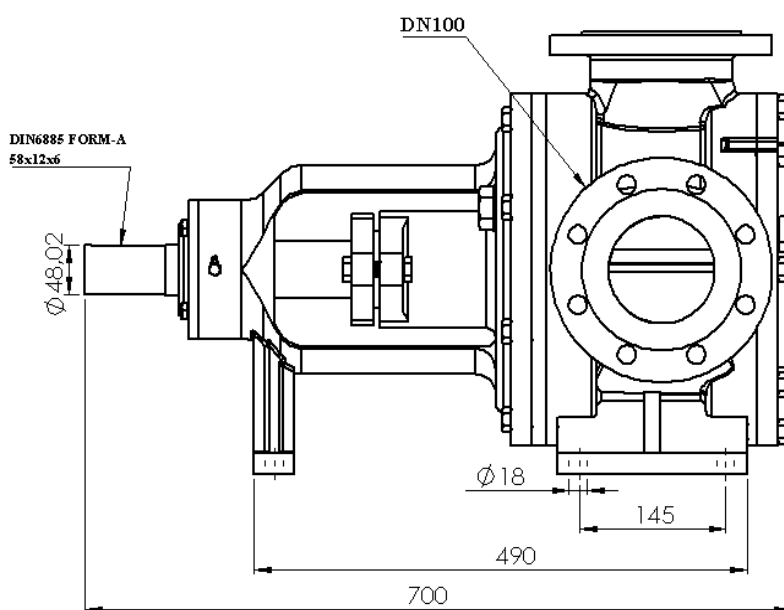
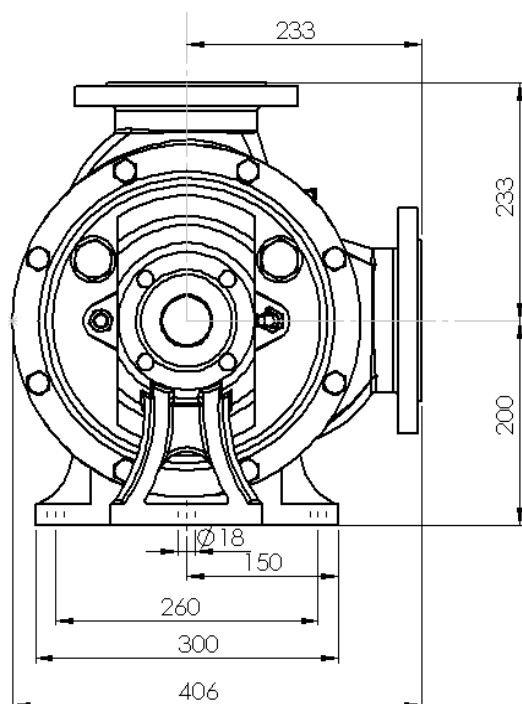


Ports	4" Flange 90° PN16
Pressure	2-14 bar
Flow Rate	3,519 L/rev
Max Flow	95 m3/h
Max Speed	450 rpm
Viscosity Range	28 – 50,000 Cp
Temperature	20-180 °C
Body Material	Gray Cast (GG25) / Stainless St (AISI316)
Shaft Material	AISI1040 Steel / AISI316 Steel / AISI420 Steel
Gear Material	Ductile Iron (GGG40) / Stainless St (AISI316)
Bushing	Bronze / Carbon Aided Teflon / Bearing
Sealing	Packing / Mechanical Sealing
Accessories	Heat Jacket / Relief Valf / Filter
Weight	195 KG

ADVANTAGES

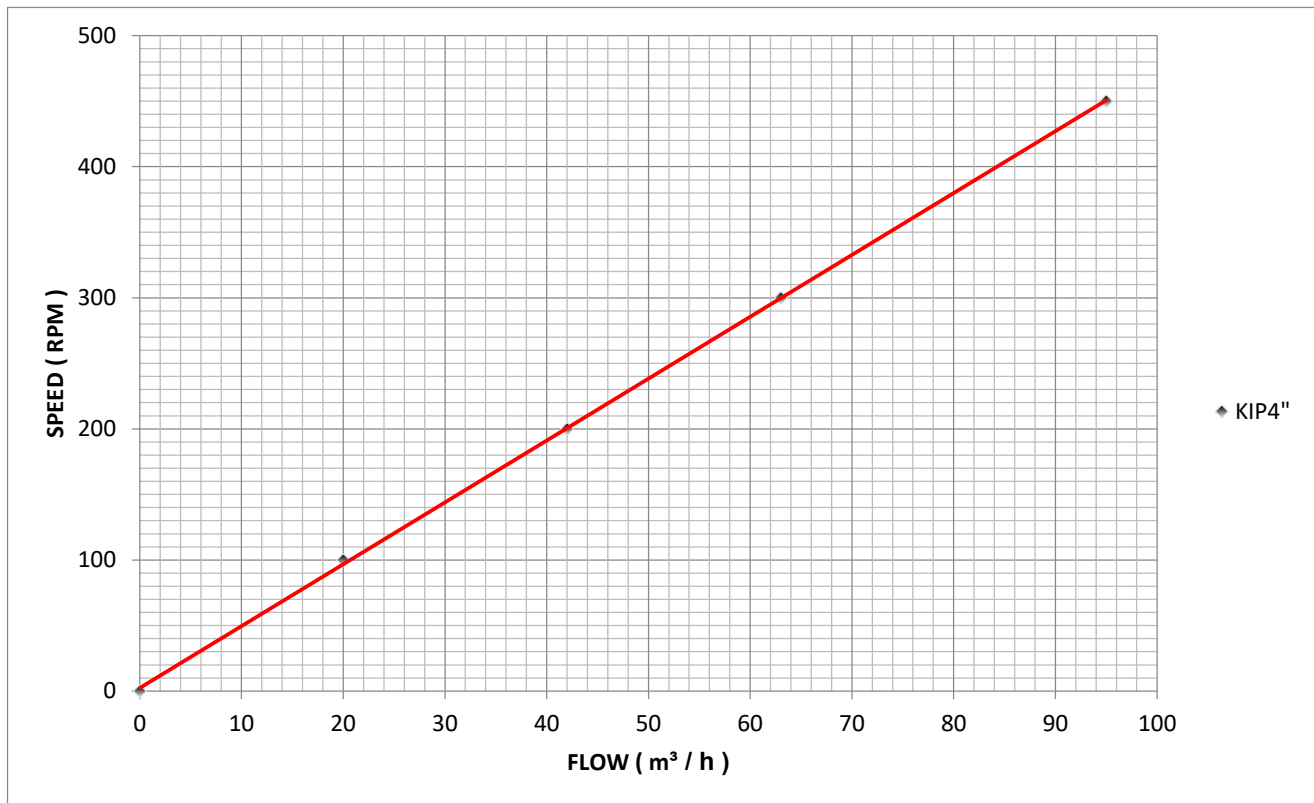
- Smaller body than the external gear pumps that supplies the same values
- Positive suction and non pulsating discharge
- Ideal for high-viscosity liquids because they work at low speeds
- Adjustable end clearance
- Easy to maintain
- Long life

DIMENSIONS

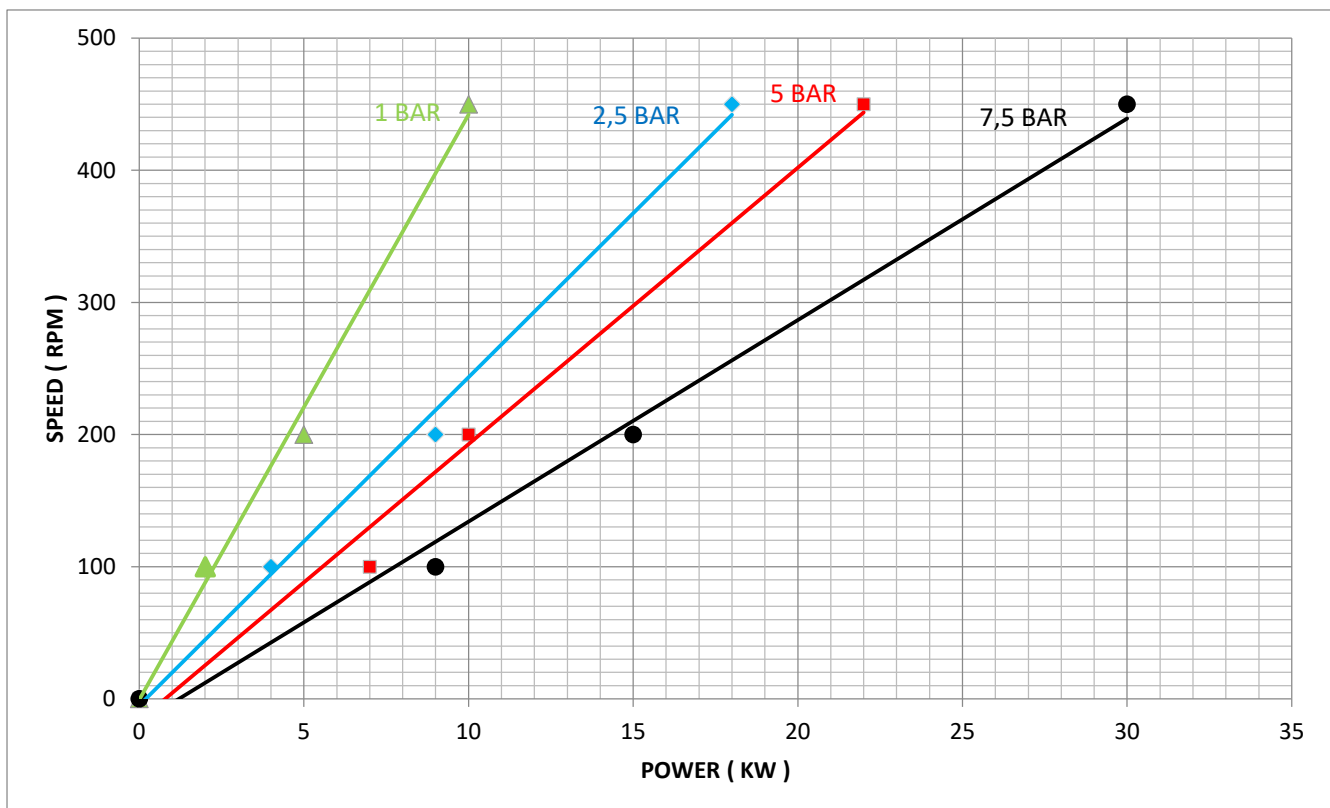


KIP4" INTERNAL GEAR PUMP PERFORMANCE CURVES

1- Speed-Flow



2- Speed - Power - Pressure



TESTS HAVE BEEN DONE WITH SAE30 OIL AT ROOM TEMPERATURE (APPROX. 100 CST)